

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	172	nakata\$kenichi\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:48
S2	4	((("6646426") or ("6069807"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 14:37
S3	1016	(323/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 14:41
S4	619	(323/285).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 14:40
S5	1893	(323/282).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 14:40
S6	8	("4021701"   "5229707"   "5552740"   "5757635"   "5867014"   "6229291"   "6424129"   "6492793").PN. OR ("7053591"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:01
S7	7	("5761055"   "6320358"   "6630817"   "6642696"   "6710582"   "6737842"   "6819088").PN. OR ("7023184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:05
S8	5	("5367247"   "5696439"   "6194882"   "6690144"   "6778416").PN. OR ("6989657").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:12
S9	8	("5747977"   "5867379"   "6326774"   "6348780"   "6600670"   "6657417"   "6737845"   "6903535").PN. OR ("6960902"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:20

## EAST Search History

S10	26	("3896348"   "4146832"   "5396165"   "5565761"   "5592128"   "5742151"   "5764039"   "5798635"   "5804950"   "5867379"   "5903138"   "6091233"   "6222746").PN. OR ("6657417").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:22
S11	14	("4677366"   "4688162"   "5734562"   "5867379"   "5912549"   "6034513"   "6049473").PN. OR ("6388429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 15:57
S12	38	("4940929"   "5336985"   "5548206"   "6185082"   "6198265"   "6229289"   "6285146").PN. OR ("6366070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/26 16:08
S13	20	("3577007"   "4284906"   "4837495"   "4975820"   "5146154"   "5253155"   "5513094"   "5640315").PN. OR ("6229293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:39
S14	35	("20010033503"   "20020051373"   "20020080631"   "20020126512"   "20020145891"   "20020154524"   "20050046399"   "4618812"   "5350997"   "5359276"   "5552694"   "5568044"   "5736842"   "5798635"   "5889392"   "6157182"   "6163143"   "6204650"   "6215288"   "6229293"   "6285571"   "6292378"   "6348779"   "6348780"   "6351162"   "6356063"   "6359796"   "6429632"   "6430070"   "6459602"   "6605931"   "6621256"   "6696861"   "6724174"   "6791283").PN. OR ("7102340").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:42
S15	23	("5548206"   "5612610"   "5617016"   "5627460"   "5731731"   "5870296"   "5912552"   "5994885"   "6127815"   "6239509"   "6239585"   "6246220"   "6300810"   "6304066"   "6433525").PN. OR ("6621256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:43
S16	4	("6100677"   "6621256"   "6977830"   "7061213").PN. OR ("7109692").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:46
S17	14	("5627460"   "5731731"   "5870296"   "5912552"   "5994885"   "6127815"   "6239509"   "6246220"   "6304066").PN. OR ("6433525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:48

## EAST Search History

S18	10	("4413224"   "4521726"   "4658204"   "5399958"   "5514947"   "6064187"   "6147478"   "6433525"   "6495995"   "6583610").PN. OR ("7132820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:48
S19	28	("5774734"   "5912552").PN. OR ("6064187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:51

## EAST Search History

S20	212	("3458798"   "3579091"   "3581186"   "3582758"   "3624405"   "3699424"   "3733540"   "3737755"   "3781505"   "3816809"   "3820005"   "3863128"   "3978393"   "3989995"   "4013939"   "4035710"   "4071884"   "4107596"   "4129788"   "4160288"   "4161023"   "4200830"   "4244050"   "4288831"   "4301398"   "4302805"   "4315304"   "4323840"   "4326245"   "4395675"   "4413224"   "4428015"   "4438485"   "4462069"   "4478174"   "4488057"   "4493017"   "4519024"   "4538101"   "4541041"   "4549254"   "4578630"   "4585986"   "4586119"   "4610521"   "4631652"   "4634956"   "4639845"   "4649464"   "4672303"   "4706177"   "4709234"   "4709315"   "4709320"   "4713740"   "4716514"   "4727308"   "4734771"   "4745535"   "4754385"   "4761722"   "4775821"   "4779027"   "4801859"   "4808946"   "4809150"   "4813066"   "4819122"   "4823070"   "4825028"   "4825144"   "4843532"   "4866587"   "4870555"   "4873408"   "4884183"   "4902957"   "4906901"   "4922404"   "4928200"   "4929882"   "4931716"   "4996638"   "5028861"   "5034871"   "5066900"   "5068575"   "5072171"   "5081411"   "5097196"   "5099407"   "5128603"   "5130561"   "5134355"   "5138249"   "5142217"   "5144547"   "5170333"   "5177676"   "5182810"   "5184129"   "5187425"   "5193211"   "5229649"   "5237606"   "5260861"   "5272382"   "5309078"   "5333176"   "5349282"   "5355077"   "5365118"   "5367247"   "5371666"   "5376830"   "5382893"   "5396412"   "5402200"   "5404094"   "5408150"   "5414341"   "5430641"   "5461301"   "5465926"   "5481178").PN. OR ("5490055"   "5498995"   "5521768"   "5532524"   "5534771"   "5539630"   "5552695"   "5568044"   "5569998"   "5576941"   "5596315"   "5629610"   "5705919").PN. OR ("5912552").	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:54
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## EAST Search History

S21	117	("3458798"   "3571697"   "3579091"   "3581186"   "3582758"   "3585491"   "3733540"   "3764889"   "3772588"   "3784893"   "3863128"   "3879647"   "3992638"   "4013939"   "4035710"   "4071884"   "4137489"   "4160288"   "4174534"   "4177389"   "4194147"   "4257090"   "4326245"   "4359679"   "4395675"   "4417197"   "4428015"   "4462069"   "4479174"   "4493017"   "4519024"   "4541041"   "4554499"   "4578630"   "4610521"   "4634956"   "4672303"   "4672518"   "4674020"   "4683529"   "4706177"   "4709315"   "4712169"   "4716514"   "4727308"   "4734844"   "4748397"   "4754385"   "4801859"   "4813066"   "4814684"   "4819122"   "4823070"   "4843532"   "4866587"   "4870555"   "4884183"   "4902957"   "4920309"   "4922404"   "4924170"   "4928200"   "4929882"   "4931716"   "4996638"   "5028861"   "5034871"   "5066900"   "5068575"   "5081411"   "5097196"   "5128603"   "5134355"   "5138249"   "5144547"   "5170333"   "5177676"   "5179511"   "5184129"   "5193211"   "5237606"   "5309078"   "5396412"   "5408162"   "5469349"   "5481178"   "5528483"   "5548189"   "5568044"   "5627460"   "5731731"   "5747976"   "5804950"   "5808453"   "5883797"   "5905369"   "5912552"   "5969512"   "5994885"   "6043634"   "6130528"   "6144194"   "6281666"   "6362608").PN. OR ("6674274"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:56
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## EAST Search History

S22	124	("3458798"   "3571697"   "3579091"   "3581186"   "3582758"   "3585491"   "3733540"   "3772588"   "3784893"   "3863128"   "3879647"   "3992638"   "4013939"   "4035710"   "4071884"   "4160288"   "4326245"   "4395675"   "4428015"   "4462069"   "4479174"   "4493017"   "4519024"   "4541041"   "4554499"   "4578630"   "4610521"   "4634956"   "4672303"   "4672518"   "4674020"   "4683529"   "4706177"   "4709315"   "4712169"   "4716514"   "4727308"   "4754385"   "4801859"   "4813066"   "4814684"   "4819122"   "4823070"   "4843532"   "4866587"   "4870555"   "4884183"   "4902957"   "4922404"   "4928200"   "4929882"   "4931716"   "4996638"   "5028861"   "5034871"   "5066900"   "5068575"   "5081411"   "5097196"   "5128603"   "5134355"   "5138249"   "5144547"   "5170333"   "5177676"   "5179511"   "5184129"   "5193211"   "5237606"   "5309078"   "5396412"   "5408162"   "5481178"   "5548189").PN. OR ("5994885"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 06:58
S23	32	("3641422"   "4293812"   "4629971"   "4885674"   "4928200"   "4975820"   "4985821"   "5029269"   "5164890"   "5465201"   "5731731"   "5770940"   "5808453"   "5912552"   "5973485"   "5994885").PN. OR ("6465993"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:03
S24	41	("5399958"   "5481178"   "5523936").PN. OR ("5770940"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:06
S25	11	("5491445"   "5770940"   "6127815"   "6724174").PN. OR ("6828766"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:08
S26	7	("4008418"   "5770940"   "5828204"   "6441594"   "6559627"   "6587490").PN. OR ("6717389"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:11

## EAST Search History

S27	39	("4604731"   "4611135"   "4616142"   "5099192"   "5194765"   "5254883"   "5457407"   "5475332"   "5483188").PN. OR ("5731731"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:20
S28	17	("4437146"   "5481178"   "5814979"   "5912552"   "5939871"   "5949226").PN. OR ("6288524"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:31
S29	91	("3458798"   "3571697"   "3579091"   "3581186"   "3582758"   "3585491"   "3733540"   "3772588"   "3784893"   "3863128"   "3879647"   "3992638"   "4013939"   "4035710"   "4071884"   "4160288"   "4326245"   "4395675"   "4428015"   "4462069"   "4479174"   "4493017"   "4519024"   "4541041"   "4554499"   "4578630"   "4610521"   "4634956"   "4672303"   "4672518"   "4674020"   "4683529"   "4709315"   "4712169"   "4716514"   "4727308"   "4754385"   "4801859"   "4813066"   "4814684"   "4819122"   "4823070"   "4843532"   "4866587"   "4870555"   "4884183"   "4902957"   "4922404"   "4928200"   "4929882"   "4931716"   "4996638"   "5028861"   "5034871"   "5066900"   "5068575"   "5081411"   "5097196"   "5128603"   "5134355"   "5138249"   "5144547"   "5170333"   "5177676"   "5179511"   "5184129"   "5193211"   "5237606"   "5309078"   "5396412"   "5408162"   "5481178"   "5534769"   "5548189"   "5568044"   "5627460"   "5705919"   "5912552"   "6288524"   "6307356"   "6385061"   "6456050"   "6580258"   "6873140").PN. OR ("7030596"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:32
S30	106	("4521725"   "4559590"   "4577268"   "4652808"   "4680534"   "4947311"   "5023678"   "5126651"   "5233509"   "5258662"   "5304875"   "5408150"   "5481178").PN. OR ("5627460"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:35

## EAST Search History

S31	12	("5481178"   "5627460"   "6057675").PN. OR ("6377032").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 07:42
S32	26	("5627460"   "5705919"   "5777461"   "5814979"   "5955872").PN. OR ("6057675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 08:16
S33	620	(323/285).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 08:16
S34	5	("5804950"   "5867379"   "6307361"   "6657417"   "6693411").PN. OR ("7098631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 08:46
S35	10	("5272614"   "5475296"   "5696439"   "5969515"   "6005377"   "6020729"   "6031361"   "6194883"   "6400127"   "6771052").PN. OR ("6954054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 08:52
S36	6	("5475296"   "5747977"   "5929619"   "5969515").PN. OR ("6911808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 08:58
S37	4	("6166528").PN. OR ("6853174").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:01
S38	8	("5955872"   "6057675"   "6396252"   "6583610").PN. OR ("6707281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:04
S39	6	("4456872"   "4688162"   "5045771"   "5798635").PN. OR ("6646426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:08
S40	38	("4137489"   "4920309").PN. OR ("6144194").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:19
S41	7	("5051880"   "5347442"   "5914866").PN. OR ("6069807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:30
S42	2674713	output or load	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:30
S43	150774	S42 near current	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:30
S44	253590	output near voltage	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:31

## EAST Search History

S45	6420	inductor near current	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:31
S46	2829	S43 and S44 and S45	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:32
S47	2459162	sens\$4 or detect or detect\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:33
S48	10814	S43 near S47	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:33
S49	591	S48 and S44 and S45	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:34
S50	508	S45 near S47	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:34
S51	216	S50 and S48 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:35
S52	2	("4947310"   "5442538").PN. OR ("6791850").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:43
S53	13	("4757434"   "4803611"   "4823251"   "4947310"   "5212630"   "5257180").PN. OR ("5442538"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:44
S54	27	("4276590"   "4383183"   "4677535"   "4802079"   "4947310"   "5031088"   "5047909"   "5111377"   "5121315").PN. OR ("5257180"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:46
S55	24	("4276590"   "4677535"   "4802079"   "4947310"   "5038265"   "5047909").PN. OR ("5212630"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:48
S56	3	("5477132"   "5610452"   "6381157").PN. OR ("6947300"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 09:51
S57	20	("4677366"   "4683529"   "4837495"   "5391976"   "5457620"   "5490055"   "5742151").PN. OR ("6034513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 10:07
S58	375	S49 not S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 10:07

## EAST Search History

S59	3	("5656924"   "6657322").PN. OR ("6940341").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 10:19
S60	1894	(323/282).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 10:19
S61	20	("20010033152"   "4965492"   "5532524"   "5556811"   "5721485"   "5757171"   "5774734"   "5838929"   "5847951"   "5864225"   "5918023"   "5945820"   "6023148"   "6035358"   "6041372"   "6191499"   "6282596"   "6310792"   "6594556").PN. OR ("6865682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 10:45
S62	28	("3294981"   "3978393"   "4127885"   "4456872"   "4761722"   "4916381"   "4959606"   "5345165").PN. OR ("5734259").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:07
S63	14	("4536700"   "5192906"   "5477132"   "5513089"   "5514947"   "5734259"   "5838147"   "5877611"   "5949229"   "6058030"   "6064187").PN. OR ("RE38780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:14
S64	5134	sense adj resistor	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:14
S65	1164	S64 same S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:15
S66	233	S65 and S45	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:16
S67	228	S66 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 11:16